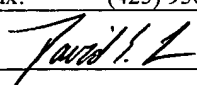


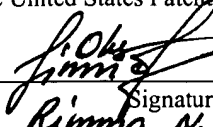


2/26
Bw/B

TRANSMITTAL FORM <i>(to be used for all correspondence after initial filing)</i>	Application Number	09/458,139	
	Filing Date	12-09-1999	
	First Named Inventor	Yi-MinWang	
	Group Art Unit	2126	
	Examiner Name	Zheng, Li B.	
Total Number of Pages in This Submission		Attorney Docket Number	124439.03

ENCLOSURES (check all that apply)		
<input type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input type="checkbox"/> Amendment / Reply <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Response to Missing Parts/ Incomplete Application <input type="checkbox"/> A copy of the Notice to Missing Parts under 37 CFR 1.52 or 1.53	<input checked="" type="checkbox"/> Copy of Assignment Recordation Papers (Notice of Recordation, Assignment Cover Sheet, and Assignment) <input type="checkbox"/> Drawing(s) <input type="checkbox"/> Declaration and Power of Attorney <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input checked="" type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address <input checked="" type="checkbox"/> Statement under 37 CR 3.73(b) <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s) _____	<input type="checkbox"/> After Allowance Communication to Group <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input type="checkbox"/> Application Data Sheet <input type="checkbox"/> Request for Corrected Filing Receipt with Enclosures <input checked="" type="checkbox"/> A self-addressed, prepaid postcard for acknowledging receipt <input type="checkbox"/> Other Enclosure(s) (please identify below):
Remarks		<input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge any additional fees required or credit any overpayments to Deposit Account No. 50-0463 for the above identified docket number.

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT	
Firm or Individual name	David S. Lee c/o MICROSOFT CORPORATION ONE MICROSOFT WAY REDMOND, WA 98052 Telephone: (425) 703-8092 Fax: (425) 936-7329
Signature	 Registration No.: 38,222
Date	October 14, 2004

CERTIFICATE OF MAILING OR TRANSMISSION [37 CFR 1.8(a)]	
I hereby certify that this correspondence is being:	
<input type="checkbox"/> deposited with the United States Postal Service on the date shown below with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P. O. Box 1450, Alexandria, VA 22313-1450	
<input type="checkbox"/> transmitted by facsimile on the date shown below to the United States Patent and Trademark Office at (703) _____	
10/14/04 Date	 Signature Rimmia N. Oks Typed or printed name



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POWER OF ATTORNEY TO PROSECUTE APPLICATIONS BEFORE THE USPTO

I hereby appoint:



Practitioners associated with the Customer Number:

38991

OR



Practitioner(s) named below (if more than ten patent practitioners are to be named, then a customer number must be used):

Name	Registration Number

as attorney(s) or agent(s) to represent the undersigned before the United States Patent and Trademark Office (USPTO) in connection with any and all patent applications assigned only to the undersigned according to the USPTO assignment records or assignment documents attached to this form in accordance with 37 CFR 3.73(b).

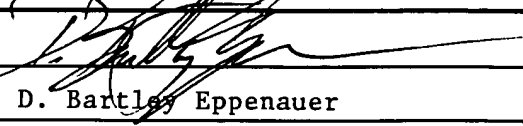
Assignee Name and Address:

Microsoft Corporation
One Microsoft Way
Redmond, WA
98052

A copy of this form, together with a statement under 37 CFR 3.73(b) (Form PTO/SB/96 or equivalent) is required to be filed in each application in which this form is used. The statement under 37 CFR 3.73(b) may be completed by one of the practitioners appointed in this form if the appointed practitioner is authorized to act on behalf of the assignee, and must identify the application in which this Power of Attorney is to be filed.

SIGNATURE of Assignee of Record

The individual whose signature and title is supplied below is authorized to act on behalf of the assignee

Signature		Date	10/11/04
Name	D. Bartley Eppenauer	Telephone	425-703-0645
Title	Assistant Secretary		

This collection of information is required by 37 CFR 1.31 and 1.33. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 3 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. **SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.**

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.



STATEMENT UNDER 37 CFR 3.73(b)

Applicant/Patent Owner: Microsoft CorporationApplication No./Patent No.: 09/458,139 Filed/Issue Date: 12/09/1999Entitled: Accelerating a Distributed Component Architecture Over a Network Using a Direct MarshalingMicrosoft Corporation, a Washington Corporation
(Name of Assignee) (Type of Assignee, e.g., corporation, partnership, university, government agency, etc.)

states that it is:

1. ☒ the assignee of the entire right, title, and interest; or
2. ☐ an assignee of less than the entire right, title and interest.
The extent (by percentage) of its ownership interest is _____ %

in the patent application/patent identified above by virtue of either:

- A. ☒ An assignment from the inventor(s) of the patent application/patent identified above. The assignment was recorded in the United States Patent and Trademark Office at Reel 010624 Frame 0341 or for which a copy thereof is attached.

OR

- B. ☐ A chain of title from the inventor(s), of the patent application/patent identified above, to the current assignee as shown below:

1. From: _____ To: _____
The document was recorded in the United States Patent and Trademark Office at
Reel _____ Frame _____ or for which a copy thereof is attached.
2. From: _____ To: _____
The document was recorded in the United States Patent and Trademark Office at
Reel _____ Frame _____ or for which a copy thereof is attached.
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The document was recorded in the United States Patent and Trademark Office at
Reel _____ Frame _____ or for which a copy thereof is attached.

☐ Additional documents in the chain of title are listed on a supplemental sheet.

- ☐ Copies of assignments or other documents in the chain of title are attached.
[NOTE: A separate copy (i.e., a true copy of the original assignment document(s)) must be submitted to Assignment Division in accordance with 37 CFR Part 3, if the assignment is to be recorded in the records of the USPTO. See MPEP 302.08]

The undersigned (whose title is supplied below) is authorized to act on behalf of the assignee.

10/11/04
Date

425-703-0645

Telephone number

D. Bartley Eppenauer

Typed or printed name

Signature

Assistant Secretary

Title

This collection of information is required by 37 CFR 3.73(b). The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450 Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

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MAY 15, 2000

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LEYDIG, VOIT & MAYER, LTD.
VLADAN M. VASILJEVIC
TWO PRUDENTIAL PLAZA, SUITE 4900
CHICAGO, IL 60601-6780

UNITED STATES PATENT AND TRADEMARK OFFICE
NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, ASSIGNMENT DIVISION, BOX ASSIGNMENTS, CG-4, 1213 JEFFERSON DAVIS HWY, SUITE 320, WASHINGTON, D.C. 20231.

RECORDATION DATE: 02/22/2000

REEL/FRAME: 010624/0341
NUMBER OF PAGES: 5

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:
WANG, YI-MIN

DOC DATE: 01/11/2000

ASSIGNOR:
HUNT, GALEN C.

DOC DATE: 01/11/2000

ASSIGNOR:
FORIN, ALESSANDRO

DOC DATE: 01/11/2000

ASSIGNEE:
MICROSOFT CORPORATION
ONE MICROSOFT WAY
REDMOND, WASHINGTON 98052

Microsoft Patent Dept
JUN 09 2000
DPD ND By: Rzp

SERIAL NUMBER: 09458139
PATENT NUMBER:

FILING DATE: 12/09/1999
ISSUE DATE:

LEYDIG, VOIT & MAYER
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MAY 30 2000

PAT/TM Due Date

25-APP
ACCT# 124439
APPLICATION

010624/0341 PAGE 2

MAYA BENNETT, EXAMINER
ASSIGNMENT DIVISION
OFFICE OF PUBLIC RECORDS

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03-24-2000

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Patent and Trademark Office

PATENT

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TO: The Commissioner of Patents and Trademarks

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☐ Resubmission (Non-Recordation)
Document ID #
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Execution Date(s)

January 11, 2000
January 11, 2000
January 11, 2000

Conveying Party(ies)

1. Yi-Min WANG
2. Galen C. HUNT
3. Alessandro FORIN
- 4.
- 5.
- 6.

☐ Mark if Additional Names of Conveying Parties Attached

Receiving Party

Name Microsoft Corporation
Name
Address One Microsoft Way
Address
Address Redmond
City

Washington
State/Country

98052
Zip Code

☐ Mark if Additional Names of Receiving Parties Attached

Correspondent Name and Address

Vladan M. Vasiljevic, Reg. No. 45,177
Leydig, Voit & Mayer, Ltd.
Two Prudential Plaza, Suite 4900
Chicago, Illinois 60601-6780

Telephone: (312) 616-5600
Facsimile: (312) 616-5700
Attorney Docket No. 200730

Pages Enter the total number of pages of the attached conveyance document including any attachments: 4
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Application Number(s) or Patent Number(s)
Enter either the Patent Application Number or the Patent Number (DO NOT ENTER BOTH numbers for the same property).

Patent Application Numbers
09/458,139

Patent Numbers

If this document is being filed together with a new Patent Application, enter the date the patent application was signed by the first named executing inventor. Month Day Year

Patent Cooperation Treaty (PCT)

Enter PCT application number only if a U.S. Application Number has not been assigned.

PCT	PCT	PCT
PCT	PCT	PCT

Number of Properties

Enter the total number of properties involved: 1

Fee Amount

Fee Amount for Properties Listed (37 CFR 3.41): \$40.00

03/23/2000 DC0ATES 00000112 09458139

01 FC:581 Method of Payment: 40.00 DP

- ☒ Enclosed is a check in the amount of \$40.00
☐ Charge Deposit Account No. 12-1216
Authorization to Charge Additional Fees to Deposit Account No. 12-1216: ☒ Yes ☐ No

Statement and Signature

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document. Charges to deposit account are authorized, as indicated herein.

Vladan M. Vasiljevic, Reg. No. 45,177
Name of Person Signing

Signature

February 15, 2000
Date

Leydig, Voit & Mayer, Ltd.
Attorneys at Law
Two Prudential Plaza
Suite 4900
180 North Stetson
Chicago, Illinois 60601-6780

ASSIGNMENT

WHEREAS, we, Yi-Min Wang of 15802 SE 58th Street, Bellevue, Washington 98006, Galen C. Hunt of 2967 162nd Avenue SE, Bellevue, Washington 98008 and Alessandro Forin of 2321 179th Avenue NE, Redmond, Washington 98052, are the joint inventors of an invention entitled "ACCELERATING A DISTRIBUTED COMPONENT ARCHITECTURE OVER A NETWORK USING A DIRECT MARSHALING" as described and claimed in the specification forming part of an application for United States letters patent, which was filed on December 9, 1999, under Serial No. 09/458,139;

WHEREAS, Microsoft Corporation (hereinafter referred to as ASSIGNEE), a corporation of the State of Washington having a place of business at One Microsoft Way, Redmond, Washington 98052, is desirous of acquiring the entire right, title and interest in and to the invention and in and to any letters patent that may be granted therefor in the United States and in any and all foreign countries;

NOW, THEREFORE, in exchange for good and valuable consideration, the receipt of which is hereby acknowledged, ASSIGNORS hereby sell, assign and transfer unto said ASSIGNEE, the entire right, title and interest in and to said invention, said application and any and all letters patent which may be granted for said invention in the United States of America and its territorial possessions and in any and all foreign countries, and in any and all divisions, reissues and continuations thereof, including the right to file foreign applications directly in the name of ASSIGNEE and to claim priority rights deriving from said United States application to which said foreign applications are entitled by virtue of international convention, treaty or otherwise, said invention, application and all letters patent on said invention to be held and enjoyed by ASSIGNEE and its successors and assigns for their use and benefit and of their

successors and assigns as fully and entirely as the same would have been held and enjoyed by ASSIGNORS had this assignment, transfer and sale not been made. ASSIGNORS hereby authorize and request the Commissioner of Patents and Trademarks to issue all letters patent on said invention to ASSIGNEE. ASSIGNORS agree to execute all instruments and documents required for the making and prosecution of applications for United States and foreign letters patent on said invention, for litigation regarding said letters patent, or for the purpose of protecting title to said invention or letters patent therefor.

Date 01/11/00

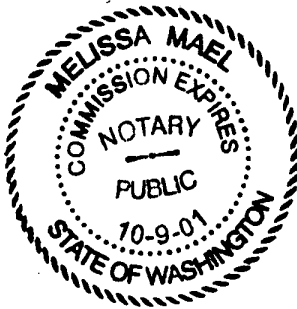
Yi-Min Wang
Yi-Min Wang

STATE OF Washington)
COUNTY OF King) SS:

On this 11th day of January, 2000, before me, a Notary Public in and for said county, appeared Yi-Min Wang, who is personally known to me to be the same person whose name is subscribed to the foregoing assignment document, and acknowledged that he/she signed and delivered the document as his/her free and voluntary act for the uses and purposes therein set forth.

Melissa Mael
Notary Public

My Commission Expires: 10-9-01



Date

11/Jan/2000

Galen C. Hunt
Galen C. Hunt

STATE OF Washington)
COUNTY OF King) SS:

On this 11th day of January, 2000, before me, a Notary Public in and for said county, appeared Galen C. Hunt, who is personally known to me to be the same person whose name is subscribed to the foregoing assignment document, and acknowledged that he/she signed and delivered the document as his/her free and voluntary act for the uses and purposes therein set forth.



Melissa Mael
Notary Public

My Commission Expires: 10-9-01

Date

1/11/2000

Alessandro Forin
Alessandro Forin

STATE OF Washington)
COUNTY OF King) SS:

On this 11th day of January, 2000, before me, a Notary Public in and for said county, appeared Alessandro Forin, who is personally known to me to be the same person whose name is subscribed to the foregoing assignment document, and acknowledged that he/she signed and delivered the document as his/her free and voluntary act for the uses and purposes therein set forth.



Melissa Mael
Notary Public

My Commission Expires: 10-9-01

U.S. Department of Commerce
Patent and Trademark Office
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Conveying Party(ies)

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6. ☐ Mark if Additional Names of Conveying Parties Attached

Receiving Party

Receiving Party Name Microsoft Corporation

Name

Name _____
Address _____ One Microsoft Way

Address

Address Redmond
City

Washington
State/Country

98052
Zip Code

☐ Mark if Additional Names of Receiving Parties Attached

☐ Mark if Additional Names

Correspondent Name and Address

Vladan M. Vasiljevic, Reg. No. 45,177
Leydig, Voit & Mayer, Ltd.
Two Prudential Plaza, Suite 4900
Chicago, Illinois 60601-6780

Telephone: (312) 616-5600
Facsimile: (312) 616-5700
Attorney Docket No. 200730

Two Prudential Plaza, Suite 4900
Chicago, Illinois 60601-6780

Pages Enter the total number of pages of the attached conveyance document including any attachments: 4

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Patent Application Numbers	Patent Numbers	

[illegible]

09/458,139

If this document is being filed together with a <i>new</i> Patent Application, enter the date the patent application was signed by the first named executing inventor.			Month Day Year
Paris Convention (PCT)	PCT	PCT	PCT

Patent Cooperation Treaty (PCT)

Patent Cooperation Treaty (PCT)
Enter PCT application number *only* if a U.S. Application
Number has not been assigned.

PCT

PCT

PCT

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PCT

Enter the total number of properties involved: 1

Number of Properties

Fee Amount

Fee Amount for Properties Listed (37 CFR 3.41): \$40.00

Method of Payment:


- Method of Payment:**
☒ Enclosed is a check in the amount of \$40.00
☐ Charge Deposit Account No. 12-1216
☐ Charge Additional Fees to D

☒ Enclosed is a check in the amount of \$
☐ Charge Deposit Account No. 12-1216

Enclosed is a check in the amount of \$4.00.
Charge Deposit Account No. 12-1216
Authorization to Charge Additional Fees to Deposit Account No. 12-1216: ☒ Yes ☐ No

Statement and Signature

Statement and Signature
To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document. Charges to deposit account are authorized, as indicated herein.

 February 15, 2000

Vladan M. Vasiljevic, Reg. No. 45,177

Signature _____

February 15, 2000

Date _____